

**AMENDMENTS TO SPECIFICATION**

*In the Abstract please amend as shown. A clean version of the Abstract is on a separate page.*

An integrated tuner circuit (20) with has an arbitrary IF (intermediate frequency) output. The tuner includes an integrated circuit with a fixed-frequency control loop (20) and a matched external variable capacitance  $C_t$ , to achieve tracking of a tuned LC band-pass filter (40) with an arbitrary oscillator.